

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2613110 B1 20210505 (EN)

Application
EP 12008577 A 20121221

Priority
KR 20120000590 A 20120103

Abstract (en)
[origin: EP2613110A2] The present disclosure relates to a refrigerator, and the refrigerator may include a refrigerator body (110) formed with a storage chamber (121) to store foods; a door (131) configured to open or close the storage chamber (121); an ice maker (151) mounted on the door (131); an ice making cover (141) accommodated with the ice maker (151) therein and formed with a cool air inlet port (143) for inhaling cool air at an upper portion thereof; and an ice bank (170) provided at a lower portion of the ice maker (151) to store ice, wherein the ice maker (151) includes a first guide (181) coupled to a lower portion of the ice maker (151) to guide cool air to pass through the lower portion of the ice maker (151); and a second guide (191) provided at an upper side of the ice maker (151) to guide cool air inhaled through the cool air inlet port (143) to be branched off and flowed into the upper and lower portions of the ice maker (151). Due to this, it may be possible to enhance the ice making capability of the ice maker (151).

IPC 8 full level
F25D 17/06 (2006.01)

CPC (source: EP KR US)
F25C 1/00 (2013.01 - US); **F25C 1/24** (2013.01 - KR); **F25C 5/182** (2013.01 - US); **F25D 11/00** (2013.01 - KR); **F25D 17/062** (2013.01 - EP US); **F25D 17/08** (2013.01 - KR); **F25C 2400/10** (2013.01 - EP US); **F25D 2317/061** (2013.01 - EP US); **F25D 2317/062** (2013.01 - EP US); **F25D 2317/063** (2013.01 - EP US)

Cited by
EP3745058A4; EP3346215A4; US11402146B2; US11624540B2; US12050044B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2613110 A2 20130710; EP 2613110 A3 20180425; EP 2613110 B1 20210505; CN 103185446 A 20130703; CN 103185446 B 20160504; KR 101957793 B1 20190313; KR 20130079851 A 20130711; US 2013167576 A1 20130704; US 9217595 B2 20151222

DOCDB simple family (application)
EP 12008577 A 20121221; CN 201210592838 A 20121231; KR 20120000590 A 20120103; US 201313733771 A 20130103